

Amendments to the Claims:

1. (Original) A hydrogen supply system, comprising:
a hydrogen supply station; and
a mobile hydrogen production system;
wherein the hydrogen supply system supplies hydrogen produced by the mobile hydrogen production system to the hydrogen supply station.
2. (Original) The hydrogen supply system according to claim 1, wherein the hydrogen supply station is a hydrogen supply station for a fuel cell powered automobile.
3. (Original) The hydrogen supply system according to claim 1, wherein the hydrogen supply station is a hydrogen supply station for distributed fuel cell equipment.
4. (Currently amended) The hydrogen supply system according to claim 1, wherein the mobile hydrogen production system ~~is provided with~~ comprises a membrane reformer or a reformer including a reformer body and a hydrogen separation unit using a hydrogen separation membrane.
5. (Currently amended) The hydrogen supply system according to claim 1, wherein the mobile hydrogen production system ~~is provided with~~ comprises an evaporator.
6. (Currently amended) The hydrogen supply system according to claim 1, wherein the mobile hydrogen production system ~~is provided with~~ comprises a desulfurizer.
7. (Currently amended) The hydrogen supply system according claim 1, wherein the mobile hydrogen production system ~~is provided with~~ comprises a prereformer for decomposing a higher hydrocarbon into a lower hydrocarbon.
8. (Currently amended) The hydrogen supply system according to claim 7, wherein the lower hydrocarbon is a hydrocarbon with a low molecular weight ~~such as methane~~.
9. (Currently amended) The hydrogen supply system according to claim 1, wherein the mobile hydrogen production system ~~is provided with~~ comprises a compressor unit for

compressing hydrogen.

10. (Currently amended) The hydrogen supply system according to claim 1, wherein the mobile hydrogen production system is configured ~~so that it can~~ to produce hydrogen by being supplied with two or more kinds of material.

11. (Currently amended) The hydrogen supply system according to claim 1, ~~characterized in that~~ wherein the mobile hydrogen production system ~~is provided with~~ comprises a material tank.

12. (Currently amended) The hydrogen supply system according to claim 1, wherein the mobile hydrogen production system ~~is provided with~~ comprises a hydrogen tank.

13. (Currently amended) The hydrogen supply system according to claim 1, comprising wherein the hydrogen supply stations ~~is provided~~ at two or more ~~places~~ locations, ~~[[and]]~~ wherein the mobile hydrogen production system moves to ~~or makes round of~~ the hydrogen supply stations.

14. (Currently amended) The hydrogen supply system according to claim 1, wherein the mobile hydrogen production system ~~is provided with~~ comprises a driving mechanism using a fuel cell, and a material tank for supplying material to be converted to hydrogen, wherein ~~so that even while running, hydrogen is produced by receiving a material from a mounted material tank,~~ and the produced hydrogen is utilized for the running of the mobile hydrogen production system ~~[[itself]]~~.

15. (Currently amended) The hydrogen supply system according to claim 1, wherein the mobile hydrogen production system ~~is provided with~~ comprises a CO₂ recovery unit.

16. (Currently amended) The hydrogen supply system according to claim ~~[[1]]~~ 4, ~~wherein CO₂ emission is reduced by absorbing CO₂ from the reformer by an~~ comprising a CO₂ absorbent in the mobile hydrogen production system for absorbing CO₂ from the reformer to reduce CO₂ emission, and ~~the used absorbent is regenerated and also CO₂ is recovered at an~~

absorbent regeneration base for regenerating used absorbent and recovering CO₂.

17. (Original) The hydrogen supply system according to claim 16, wherein the regenerated absorbent is utilized to absorb CO₂ in the mobile hydrogen production system.

18. (Original) A mobile hydrogen production system, comprising a hydrogen production unit loaded on the system, the unit further comprises:

- a membrane reformer;
- a hydrogen compressor;
- a hydrogen tank;
- a boiler;
- a CO₂ solvent tank; and
- a material tank.

19. (Currently amended) The hydrogen supply system according to claim 1, wherein the mobile hydrogen production system comprises: ~~is the mobile hydrogen production system as described in claim 18~~

- a membrane reformer;
- a hydrogen compressor;
- a hydrogen tank;
- a boiler;
- a CO₂ solvent tank; and
- a material tank.